

# INVENTION DISCLOSURE

1. **Invention Title.**

## **Method to query Telephone devices for features/capabilities/information**

2. **Invention Summary.**

There needs to be a universal method to query telephony equipment about their features/capabilities/information. This invention is to expand the Telecordia GR-30-CORE functionality to include such a method.

3. **Invention Description.**

The MDMF parameters used in the Telecordia GR-30-CORE method of Voiceband Data Transmission can be expanded to allow the SPCS to query telephony equipment about function/capabilities of the equipment or query for specific information about the equipment such as if it support wideband audio. It would have to be included in the public specifications to ensure universal implementation.

**Briefly outline the potential commercial value and customers of the invention.**

The members need a method of determining if there are any handsets behind the MTA that support wideband audio with connection to the HD voice deployment. There is a cost issue with having off-net HDV calls in both resources that may be needed for transcoding and licensing. If the handsets cannot support wideband audio then there is no need in having the call negotiated in a wideband codec as there is no benefit to the user and there is additional cost to the operator.

4. **How is this invention different from existing products, processes, systems?**

This type of function is available in PBX system but is propriety and not universal.